

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 29/3/40 When handed in at Local Office 31/3/40 Port of NEWCASTLE-on-TYNE
No. in Survey held at South Shields Date, First Survey 6/3/41 Last Survey 20/3/1941
g. Book. 5534 on the Wood, Iron or Steel S. S. "HARPAGUS" (No. of Visits 5)
TONNAGE:— Built at Sunderland By whom Bartram & Sons Ltd When 1940 YEAR. MONTH. 4
GROSS 5173 Owners Bowland & Co Ltd Owners' Address (if not already recorded in Appendix to Register Book).
UNDER DK. 4521 Managers J. & C. Harrison Ltd Port belonging to London
NET 2980

Surveyed Afloat or in Dry Dock? Afloat Name of Dock Commissioner's Yard Destined Voyage

Length 100 ft; uE&B 10 ft; f 10 ft
Breadth 20 ft; uE&B 10 ft; f 10 ft
Tons capacity 5000 tons. FPT 5000 tons; APT 5000 tons; MT 5000 tons.

Only alterations in the existing records of tanks should be inserted.

N.B.—All alterations in the existing records should be underlined.

Last Report, No. 7981 Port Phl

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules and items remaining to be completed. The surveys should be summarised. State clearly the cause of repairs, if any, and, in detail, the nature and extent of examinations and subsequent repairs. Repairs on account of damage (the cause of which must be stated) should be separated from repairs due to other causes; and besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

Damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1</u>	<u>LMC 4-40</u>
<u>with freeboard</u>	<u>TS CL</u>
<u>10 40</u>	
<u>Fitted for oil fuel 4,40 F.P. above 150°F</u>	

Society's Freeboard (if assigned) as painted on Ship and now verified ft. ins.

PAIRS, OR EXAMINATION AS PER RULE, FOR Damage stated to have been caused by collision with M.V. "Koenig" at a Scottish Port on 20th Nov. 1940. See Bremock rpt. No 21207.
It was stated that the temporary repairs to the shelter dh. & shell plating, in way of the engineer's house on the port side, had leaked during the last voyage.

Additional temporary repairs now done by removing the cement boxes to the shell plating and the shell plating in the tween deck space. The shelter deck stringer angle was sealed and set down close to the deck plating, riveted and the toes of angle welded. All shell riveting in way of damage was overhauled and caulked as necessary. After the repairs were completed the shell and deck plating were done tested and found watertight. One rivet below the waterline

SUMMARY OF DAMAGE REPAIRS:—	Shell Plates.	Frames.	E. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:—
Renewed ...								
Removed and Faired or Repaired ...								
Faired or Repaired in place ...								

PRESENT CONDITION OF THE

Condition of Decks ...	Bulkheads ...	Engine Room Skylights ...	Copper, or Y.M. (State if on Felt.) When fitted, Month ... Year ...
Stairs ...	Ceiling ...	Coal Bunkers, Openings, Covers, &c. ...	Boats ...
Stairs & Fastenings ...	Cement or Asphalt ...	Oil Bunkers ...	Masts, Yards, &c. ...
Deck Plating ...	Rudder ...	Scuppers ...	Condition, how ascertained (State if wedges removed)
" in way of sidelights ...	Steering gear and its connections ...	Cargo Hatchways ...	Equipment letter ...
Frames ...	Windlass ...	Hatches ...	Anchors, No. of ...
Longitudinals ...	Have pumps been examined and found efficient? ...	Planking ...	Cables (State if now ranged) ...
Transverses ...	Have Shice Claves been examined and found efficient? ...	Caulking ...	" length ... mean diamr. (on board)
Beams ...	Have Watertight Doors been examined and found efficient? ...	Treenails ...	" Rule length ... size
Stringers ...	Have Ventilators and their Coamings been examined and found efficient? ...	Breasthooks & Stemson ...	Chain Locker ...
Inner Bottom Plating ...	Air and Sounding Pipes ...	Transoms, Pointers & Crutches ...	Hawsers & Warps ...
Have the Tanks been examined internally? ...	Doubling Plates under Sounding Pipes ...	Timbers of Frame at openings ...	Standing and Running Rigging ...
Have the Tanks been tested? ...		" " at other places ...	Sails ...
		Stringers, Clamps & Shelves ...	
		Salting (State if examined.) ...	

General Observations, Opinion as to Class, Recommendation, &c.:

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:— "to remain as classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,38," or "to remain as classed and to have record of survey, 1,38, and the notations of ss No. 1-38."

This vessel, in my opinion, is eligible to remain as classed without fresh record of survey subject to permanent repairs to the shell plating on the port side amidships at the first convenient opportunity

Survey Fee (per Section 29) ...	Fees applied for, ...
Special Damage or Repair Fee (if any) ...	Received by me, ...
Travelling Expenses (if chargeable) ...	
Second Surveyor's Fee (if any) ...	

Licence Case Rpt attached
Committee's Minute

Character Assigned As now Subject

Surveyor to Lloyd's Register of Shipping.

